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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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CALCUTTA, 04th June, 1994

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 4 जून 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीप एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, आलाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent branch are hte dates claimed under section 135, of the Patent Act, 1970.

11th April, 1991

245/Cal/91. Dev Dutt Mohanty. Method for the production of chromium metal

246/Cal/94. Santrade Ltd Apparatus for manufacturing granulated material

247/Cal/94. Santrade Ltd. Apparatus for manufacturing granulated material

248/Cal/94. Santrade Ltd. Apparatus for manufacturing granulated material.

249/Cal/94. Texaco Development Corporation Partial oxidation power system

250/Cal/94. Daw Technologies, Inc Method and device for improved unidirectional airflow in cleanroom.

251/Cal/94. Metallgesellschaft Aktiengesellschaft. Process of preparing cesium salts from cesium-aluminum-alum.

252/Cal/94. Conoco Inc Drag Reducers for flowing hydrocarbons.

253/Cal/94 Siemens Aktiengesellschaft. Metal-clad medium-voltage switchpanel having a switch compartment, busbar compartment and cable terminal compartment.

254/Cal/94. Siemens Aktiengesellschaft. Metal-clad switchpanel having a door lock which takes account of locking conditions

255/Cal/94. Siemens Aktiengesellschaft Drive device for an isolating or earthing switch in a switchpanel.

256/Cal/94 Westinghouse electric corporation. Improvements in or relating to system and method for cleaning hot fuel gas.

257/Cal/94. Mr. Basanta Deka A Urine Drainer.

258/Cal/94. Laviosa Chimica Mineraria S.P.A. High Flexibility bentonite panel, in particular for the waterproofing of terrain, and its production process.

259/Cal/91 Hoechst Aktiengesellschaft Water-soluble fiber-reactive dyes, process for their preparation and their use.

12th April, 1991

260/Cal/94 Gladushina Raisa Michilovna, and Gladushin Alexandr Ivanovich Aid for education.

261/Cal/94 Zinser Textilmaschinen Gesellschaft Mit Beschrankter Haftung Pusher-roller Hanger with vibration damping.

262/Cal/94. TRW, Inc. Surge Suppression device.

263/Cal/94. Stone & Webster Engineering Corporation. Mixed phase front end C2 Acetylene Hydrogenation.

264/Cal/94. Computower Technologies Corp. Improved drive system for a vertical storage conveyor.

265/Cal/94. SSANG Yong Cement Industrial Co., Ltd. An apparatus for precalcining raw cement with a fuel gasification device.

18th April, 1994

266 Cal/94. Danieli & Co. Officine Mechaniche S.p.A. Line to produce strip and/or sheet.

267/Cal/94. Engelhard Corporation. Catalyst & process for using same for the preparation of unsaturated carboxylic acid esters.

268/Cal/94. Metallgesellschaft Aktiengesellschaft. Process apparatus for supplying alkali chlorate and acid to a reactor for producing chlorine dioxide.

269/Cal/94. Siemens Aktiengesellschaft. Filler for an optical transmission element having at least one optical wageguide.

270/Cal/94. Texaco Development Corporation. Partial oxidation of low rank coal.

271/Cal/94 DE Nora Permelec S.p.A. Improved electrochemical cell provided with ion exchange membranes and bipolar metal plates.

272/Cal/94. Triton Environmental Corporation. Apparatus and method for separation of liquids.

273/Cal/94. General Electric Company. Reusable packaging system for high viscosity fluids.

274/Cal/94. Copeland Corporation. Scroll compressor oil pumping system.

275/Cal/94. William M. Hallidy. Variable speed constant frequency synchronous electric power generating system and method of using same.

276/Cal/94. Lankalapalli Gopala Rao. Improvement in or relating to manufacture of soda ash.

19th April, 1994

277/Cal/94. Leo One IP. L. L. C. Satellite system using equatorial and polar orbit relays.

278/Cal/94. Leo One IP, L.L.C. Polar relay method for satellite system.

279/Cal/94. Ameu Management Corp. Apparatus for the level adjustment and/or arching adjustment of a flexibly resilient support element of a back rest of a seat.

280/Cal/94. Federalloy Inc. Copper-bismuth casting alloys.

281/Cal/94. Amar Kishor Sinha & Vijay Kumar Sinha. Multipurpose watch servicing & Repairing Machine.

20th April, 1994

282/Cal/94. Dr. Niharendu Bikas Sinha. Microbial Biosynthesis of humic substances from the wood dust (wastes lignocellulose) and wastes protein or peptides by white rot and/or brown rot fungi and by other microbes by following two stage fermentation technique.

283/Cal/94. (1) Nikolai vasilievich karsanov. (2) Galina viktorovna sukoyan, (3) Zinaida Grigorievna Khugashvili, (4) Dali Robertovna Tatulashvili, (5) Evgenia Vasilievna Selikhova. A Cardiotropic formulation.

284/Cal/94. (1) Nikolai Vasilievich Karsanov, (2) Evgenia Vasilievna Selikhova, (3) Nodar Nikolaevich Kipshidze, (4) Eteri Ivlianovna Guchua. An Antihypoxic Formulation.

285/Cal/94. Johnson & Johnson Medical, INC., Multi-element Surgical Drape.

286/Cal/94. Harris Corporation. Multiplexing of Digitally Emcoded NTSC and HDTV Signals over single microwage communication Linkform Television Studio to Tower Transmitter facility for simultaneous broadcast (Simulcast) to customer sites by Transmitter facility.

287/Cal/94. Ishikawajima-harima Heavy Industries Company Limited, and BHP Steel (JLA) pty Ltd (formerly John Lysaght (Australia) Limited). Casting Metal Strip.' (convention No. PL 9060 dated 27-5-93 : (Australia)

21st April, 1994

288/Cal/94. Bata India Limited. An improved process for producting ethyl-vinyl-acetate cold-moulded footbed insoles of various designs imprinted thereon using a common basemould.

289/Cal/94. ABB Kent-taylor Limited. Sensors. (convention No. 9308305.3 dated 22/04/93 in U.K.).

ALTERATION OF DATE UNDER SECTION-16

Patent No. 173580 Ante-dated to 22/11/88
(394/Mas/92)

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए ।

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रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Cl. 32 C 173551

Int. Cl.[4] : C 12 N, 7/00.

Title : A PROCESS FOR THE PREPARATION AN EXTRACELLULAR CELLULASE FREE XYLANSE FROM AN ALKALOPHILIC BACILLUS.

Applicants : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG NEW DELHI-110001, INDIA AN INDIAN REGISTRED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors : MANDAYAM CHAKRAVARTHI SRINIVASAN, MEENAKSHI VILAS RELE, HIMADEEP BALAKRISHNAN & MANJUSRI DUTTA CHOUDHURY

Application for patent No. 984/DEL/88 filed on 15 Nov 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

Claims 10

A process for the preparation of an extracellular cellulase free xylanse containing two major fractions having molecular weights around 29,000 & around 10,660 daltons respectively which comprises separating xylanse in a manner as herein described from a culture obtained by culturing an alkalophilic Bacillus having NCIM Acc. no. 2128 in an aqueous nutrient medium such as herein described containing pure xylan or xylan/hemicellulose components and NaCO at at alkaline pH above 9.0 at a temperature between 20° to 37°C.

(Complete Specification—13 Pages & Drawing Sheets—Nil)

Ind. Cl. : 17 E (XIV-(2). 173552

Int. Cl.[4] : C12P, 7/06.

Title : A PROCESS FOR THE PREPARATION OF IMMOBILIZED CELLS.

Applicant : THAPAR CORPORATE RESEARCH & DEVELOPMENT CENTRE OF POST BOX No. 68, PATIALA-147001, PUNJAB, INDIA.

Inventors : PRAMOD KUMAR BAJPAI, & PRATIMA BAJPAI.

Application for patent No. 992/DEL/88 filed on 16 Nov 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

Claims 6

A process for the preparation of immobilized cells for the production of alcohol from molasses and other sugars which comprises in suspending yeast or bactorial cells in a 2-3% sodium alginate slurry, extruding the slurry into a 2—4% calcium chloride solution to from calcium alginate beads, washing said beads with water and suspending the beads in 4—8% aluminium sulphate solution for a period of 20—26 hours at ambient temperature, washing said beads again with water for removing excess aluminium ions, and subjecting said washed beads to the step of drying to provide a reduction in the beads size and to obtain stabilized beads.

(Complete Specification—10 Pages & Drawing Sheets—Nil)

Ind. Cl. : 58 173553

Int. Cl. : E06B 3/16, 3/20.

Title : A WINDOW FRAME PROFILE AND A PROCESS FOR ITS PRODUCTION.

Applicant : INTERPROFILE GFK-FENSTER & BAUSYSTEME GESELLSCHAFT m.b.H., OF A-3192 HOHENBERG, AUSTRIA. AN AUSTRIAN COMPANY.

Inventor : WARNER WERITSCH & SIEGFRIED ROCK.

Application for patent No. 59/DEL/87, filed on 28 January 1987.

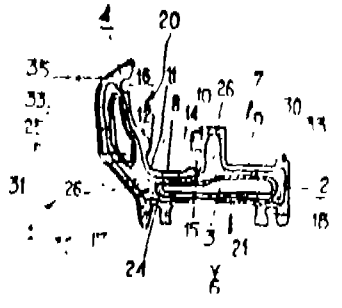
Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

Claims 14

A one-piece window frame profile having on its circumference a plurality of grooves or recesses for receiving and retaining additional profiled strips, sealing strips and like fittings, said grooves or recesses being provided with undercuts said profile being composed of a duroplastic material reinforced by strands of fibers, e.g. glass fiber rovings said profile being of substantially L-shape in cross-section, characterised in that one enclosed hollow longitudinally extending space is provided in the horizontal or longitudinal leg of the L and a second enclosed hollow longitudinally extending space is provided in the vertical or transverse leg of the L, and as reinforcement elongate strands of fibers extending at least in the longitudinal direction of said profile throughout the entire cross-sectional area of the material of said profile including said undercuts.

A process according to claims 8 wherein said impregnated fiber strands are led as a signal strem axially into said mold around said shafts or as a plurality of sub-streams which are combined into a signal strems, two of which substrems pass around said shafts, and said strem or one or more of said sub-strems of axially led fibers prior to entry into said mold is provided in a direction substantially transvers to the direction of axial travel of said strem(s) with a circumferential encirclement of one or more impregnated strands.

FIG. 1



(Complete Specification—27 pages Drawing Sheets—2)

Ind. Cl. : 170A XLIII (4). 173554

Int. Cl.[4] : C11D 9/22.

A DETERGENT LAUNDRY COMPOSITION SHAPED IN THE FORM OF A BAR HAVING IMPROVED FOAMING PROPERTIES.

Applicant : COLGATE-PALMOLIVE COMPANY, OF 300 PARK AVENUE NEW YORK, NEW YORK 10022 UNITED STATES OF AMERICA, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A.

Inventors : PATRIZIA BARONE AND PALLASSANA NARAYAN RAMACHANDRAN.

Application for the Patent No. 187/Del/87. Filed on 4 Mar 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

Claims 6

A detergent laundry composition shaped in the form of a bar having improved foaming properties during hand washing of laundry which comprises 15 to 45% of synthetic organic anionic detergent, which detergent is a mixture of 0.05 to 20 parts of higher fatty alcohol sulfate of the kind such as herein described and one part of alphasulfe-higher fatty acid lower alkyl ester of the kind such as herein described, 10 to 60% of a builder of the kind such as herein described for the detergent mixture, a bodying proportion of the kind such as herein described, in the range of 20 to 70%, of the water insoluble powder and/or sodium sulfate filler, and 5 to 22% of water,

(Complete Specification—34 Pages Drawing Sheet—1)

Ind. Cl. : 114 A. 173555

Int. Cl.[4] : C14B, 1/44. C14C, 11/00.

PROCESS FOR THE MANUFACTURE OF FINISHED LEATHER ARTICLES FROM RAW LEATHER.

Applicant : ANVER, A FRENCH COMPANY, OF 2/6 RUE SUCHET, 94701 MAISONS-ALFORT, FRANCE.

Inventors : ELIE GRAS.

Application for Patent No. 245/Del/87, filed on 20 Mar 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

Claims 6

A process for the manufacture of finished leather articles of the kind described herein from raw leather which comprises :

Preparing at least one intermediate transfer support sheet by applying to a surface of a sheetform subsrate of the kind such as herein described at least one coating of a leather dressing compound and at least one coating of a leather finishing compound;

placing the transfer support sheet so formed or a portion thereof into contact with at least one surface of raw leather;

placing the combination of contacting support sheet and raw leather into a heated mold having a shape corresponding to the shape of the desired leather article;

subjecting the mold containing said support sheet and leather to a high frequency electrical field while simultaneously applying to said mold or to parts thereof a relatively low pressure in the range of from 3 to 5 kg/cm2 whereby said coatings of dressing compound and finishing compound are transferred from said support sheet on to the contacting surface of said leahter to produce said desired finished leather article; and

removing said sheetform substrate from the finished leather article so manufactured.

(Complete Specification—9 Pages Drawing Sheet—Nil)

Ind. Cl. : 159 F. 173556

Int. Cl.[4] : B61H 9/00 & B61L 23/00.

A TRAIN SAFETY SENSOR.

Applicant & Inventor : SULTAN SINGH JAIN, B-63, SHANTINAGAR, ROORKEE, DISTRICT SAHARANPUR, UTTAR PRADESH, INDIA.

Application for Patent No. 1016/Del/87, filed on 30th Nov. 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 2)

A train safety sensor comprising an additional conducting rail (5) in the middle of existing rails (8) at platform site and a spring loaded conducting arm (4) fitted underneath the engine van (15) of a train (65) coinciding with the said conducting rail (5) such that on arrival of train (65) at platform site both conducting parts completes an electrical circuit of an electric operated signal system making either side of the platform signals in UP positions when the same are not made by the controller and the said signals cannot be made down unless the driver of the said train (65) press holds to switch off the electric circuit to the signals.

(Compl. Specn. 24 pages; Drgns. 10 Sheets).

Ind. Cl. : 140 A. KI (2). 173557

Int. Cl. : C 10 M 135/00.

A COMPOSITION FOR USE AN ADDITIVE IN FUNCTIONAL FLUIDS.

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor : STEPHEN AUGUSTINE DI BIASE.

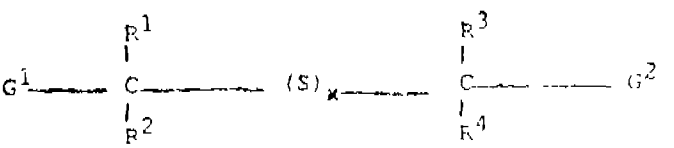
Application for Patent No. 729/Del/87 filed on 20th August, 1987.

Appropriate Offie for Opposition Proeedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 18)

A composition for use as an additive in functional fluids comprising the combination of

(A) at least one sulfur compound characterised by the structural formula I



wherein

R^1, R^2, R^3 and R^4 are each independently H or hydrocarbyl groups;

R^1 and/or R^2 may be G^1 or G^2;

R^1 and R^2 and/or R^3 and R^4 together may be alkylene groups cotaining 4 to 7 carbon atoms;

G^1 and G^2 are each independently C(X) R, COOR, C-N, R^6-C=NR^6, CON (R)^2 or NO^2, and G^1 also may be CH_2OH, wherein X is O or S, R_5 and each R are independently H or a hydrocarbyl group, R^6 is H or a hydrocarbyl group;

when both G^1 and G^2 are R^6-C-NR^6, the two R^6 groups together may be a hydrocarbylene group linking the two nitrogen atmos;

when G^1 is CH$_2$OH and G^2 is COOR, a lactone may be formed by inframolecular condensation of G^1 and G^2; and

X is an integer from 1 to 8; and

(B) at least one carboxylic dispersant with or without boron charaterized by the presence within its molecular structure of (i) at least one polar group selected from acyl, acyloxy or hydrocarbyl groups, and (ii) at least one group in which a nitrogen or oxygen atom is attached directly to said group (i), and said nitrogen or oxygen atom also is attached to a hydrocarbyl group, the weight ratio of said component (A) : to component (B) being from 0.1 : 1 to 10 : 1.

(Compl. Specn. 107 pages; Dtgns 2 sheets).

Ind. Cl. : 55 E.L. [XIX(1)] 173558

Int. Cl.^{4} : A61K 39/00.

A PROCESS FOR THE ISOLATION AND PURIFICATION OF A NEW RIBONUCLEASE FROM COBRA VENOM (*NAJA NAJA*).

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) : YEDITHA VENKATA MAHALAKSHMI, MADHUSUDAN WAMAN PANDIT.

Application for Patent No. 1040/Del/88 filed on 29th Nov, 1989.

Complete specification filed on 26th Feb., 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 10)

In improved process for the isolation and purification of ribonuclease having high specificity towards polycytidylic acid from cobra venom which comprises keeping the blood collected from rabbi's containing the antibodies against ribonuclease at a temperature in the range of 4° to 6°C to separate the antiserum against the ribonuclease treating the antiserum by known methods to isolate immunoglobulins (IgG fraction), coupling the immunoglobulins to activated gel matrix, adding crude cobra venom to the matrix so as to alsorb the ribonuclease highly specific to the immunoglobulins, and eluting the adsorbed with common salt solution in buffer solution and if desired, further purifying the ribonuclease by known high performance liquid chromatography methods.

(Provisional Specification 4 pages).
(Compl. Specn. 9 pages; Drgns. Sheet : Nil).

Ind. Cl. : 32 C & 77 D. 173559

Int. Cl.^{4} : C 11 B, 9/00

A PROCESS FOR ISOLATION OF A NIMBATIKTAM OR NIMBIDIN FROM NEEM OIL.

Applicant : CENTRAL COUNCIL FOR RESEARCH IN AYURVEDA AND SIDDHA DHARMA BHAVAN, S-10, GREEN PARK EXTENSION MARKET, NEW DELHI-110 016.

Inventors : NAMBIA PILLAI RAMIAH, KOSHY ABRAHAM, GOPALAN ARAVINDAKSHNAN NAIR & NEELAKANTAN BABU RAJENDRA PRASAD.

Application for Patent No. 1043/Del/88 filed on 29th Nov., 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 2)

A process for the isolation of nimbatiktam or nimbidin from neem oil which comprises the step of extraction of the oil with ethyl or methyl alcohol, concentrating said alcoholic extract over water bath, dissolving the concentrated extract in alcohol and washing with pet-ether to remove oily and fatty-matters, adjusting the alcohol concentration of alcohol layer upto 80% by adding alcohol and then again washing with pet-ether, the purified alcohol extract being again concentrated and then poured into water to obtain crude nimbatiktem or nimbidin, grinding the crude nimbidin in the presence of water by a rod or postle, filtering and drying the ground nimbatiktam or nimbidin in air.

(Compl. Specn. 8 pages Dtgn. Sheet : Nil).

Ind. Cl. : 90 E1. 173560

Int. Cl.^{4} : CO 3B 5/08.

APPARATUS FOR THE MANUFACTURE OF LIQUID GLASS BATCH MATERIAL.

Applicant : PPG INDUSTRIES, INC. A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA, OF ONE PPG PLACE, PITTSBURGH 22, STATE OF PENNSYLVANIA, UNITED STATE OF AMERICA.

Inventors : HENRY CLAUDE GOODE GRAY NOEL HUGHES AND DONALD PHILIP MICHELOTTI.

Application for Patent No. 1122/Del/86, filed on 22 Dec 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office Branch, New Delhi-110005.

(Claims-7)

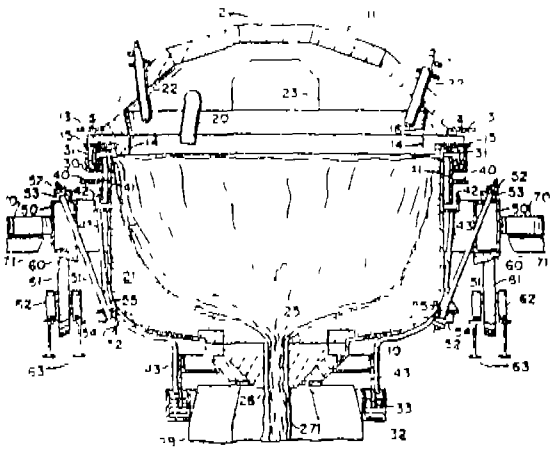
Apparatus for the manufacture of liquid glass batch material which comprises :

a vessel having side walls and a bottom mounted for rotation about a substantially vertical axis;

means for feeding pulverulent glass batch material into said vessel;

radiant heating means located with respect to said vessel for directing heat towards the interior of the side walls thereof; and

outlet means for draining liquified material from said vessel; characterised in that forced cooling means for fluid circulation means are provided adjacent to the exterior surface of the side walls of said vessel for cooling only the upper half of the height of said sidewalls.



(Complete Specification 13 Pages Drawing sheet-1).

Ind. Cl. : 32 F 29 173561

Int. Cl.[4] : C07C, 103/22

PROCESS FOR PREPARING NOVEL DERIVATIVES OF PYROMELLITIC ACID.

Applicant : EXXON CHEMICAL PATENTS INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELEWARE, UNITED STATES OF AMERICA, OF 1900 EAST LINDEN AVENUE, LINDEN NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventor(s) : KENNETH LEWTAS, EDWIN WILLIAM LEHMANN, DAVID PAUL GILLINGHAM, JOHN EDWARD MADDOX.

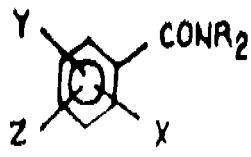
Application for the Patent No. 1118/Del '87 filed on 22 Dec 1987. Convention date Dec 22, 1986/8630594/U.K.

Appropriate Office for Opposition Proceedings, (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005

Claims (6)

A process for preparing novel derivatives of pyromellitic acid of the general formula I as shown in the accompanying drawings.

Formula I



or mixtures thereof, wherein a each of X, Y and Z is a substituent in one of the 2,4 and 5 positions of the benezene rang and X being a group of the formula $CONR_2$ or (CO_2)-(H_2NR_2)+, Y and Z being independently a group of the formula $CONR_2$ or CO_2R, and each R being alkyl, alkoxyalkyl or polyalkoxyalkyl containing at least 10 carbon atoms in the main chain, in which process pyromellitic dianhydride is reacted with 4 moles of a compound of the formula R-A per mole of pyromellitic dianhydride where R is a defined above and A is either-OH and -NHR in at least two of the 4 moles, and converting the product formed to amide by conventional methods.

(Complete Specification 33 pages & Drawing Sheets-4)

Ind. Cl. : 55 E. 4 [XIX(1)]. 173562

Int. Cl.[4] : A 61K 9/20.

A METHOD FOR PREPARING BEADLETS CONTAINING MEDICAMENT.

Applicant : E. R. SQUIBB & SONS, INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF LAWRENCEVILLE-PRINCETON ROAD, PRINCETON, NEW JERSEY 08540, UNITED STATES OF AMERICA.

Inventor : NAMICHAND BHERULAL JAIN, WILLIAM ROBERT BACHMAN, YATINDRA MOHAN JOSHI.

Application for Patent No. 713/Del/88 filed on 18 Aug 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 7)

A method for preparing beadlets containing medicament, which comprises forming a wet mass of medicament of the kind described herein, an organic carboxylic acid such as herein described and a binder such as herein described, extruding said wet mass to form an extrudate, forming in a manner known *per se* said extrudate into beadlets having an average size distribution of from 0.8 to 2 mm diameter, and drying said beadlets.

(Complete specification 25 pages and Drawing 04 sheets).

Ind. Cl. : 32 F3 (b) 173563

Int. Cl.[4] : CO 7D, 239/14

A PROCESS FOR THE SYNTHESIS OF α AND β ISOMERS OF 6 AMION4-(5H)-OXO-1-XYLOFURANOSYL PYRAZOLO (3, 4-d) PYRIMIDINE.

Applicant(s) : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

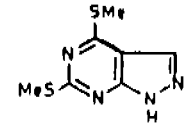
Inventor(s) : AHMAD HASAN, RAMA PATI TRIPATHI, RAM PRATAP, DEWAN SINGH BHAKUM, RUNJHUN PAL, ANURADHA MISHRA, JAGDISH CHANDRA KATIYAR, PURUSHOTTAM, YESHWANT GURU.

Application for the Patent No. 1132/Del/88 filed on 21 Dec., 1988

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

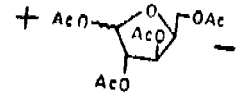
Claims (7)

A process for the synthesis of α & β isomer of 6-Amino-4 (5H)-oxo-I-xylofuranosyl pyrazolo (3, 4-d) pyrimidine of the formulae (8) and (9) of the drawing accompanying this specification which comprises (a) condensing 4, 6-dimethylthiopyrazolo (3, 4-d) pyrimidine of the formula (1).



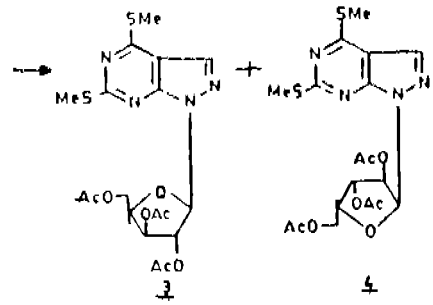
1

formula (2) with 1, 2, 3, 5-tetra-*o*-acetyl xylofuranose of the

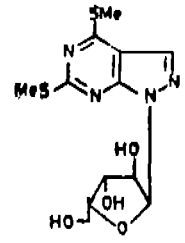


2

in the presence of Lewis acids and acetonitrile at a temperature in the range of 80 to 90°C to give a mixture of α & β isomers of 4, 6-dimethyl thio-1-4(2, 3, 5-tri-*o*-acetyl xylofuranosyl) pyrazolo (3, 4-d) pyrimidine of the formula (4) and (3), b separating the said isomers of formulae 3&4 from each

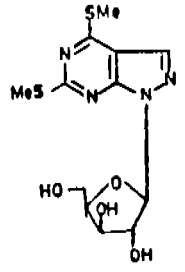


other by column chromatography; (c) deprotecting the separated isomers of the formulae (4) and (3) by conventional methods to give 4, 6-dimethyl thio-1-α-1)-xylofurnanosyl pyrazolo (3, 4-d) pyrazolo of the formula (7)



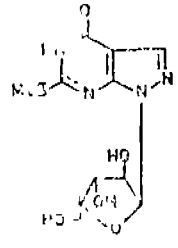
7

and 4, 6-dimethyl thio-1-β-D-xylofuraugsyl Pyarzolo (3, 4-d) pyrimidine of the formula (6)



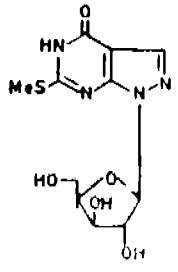
6

respectively; (d) hydrolysing the compounds of the formula (7) and (6) by known methode to give 6-methylthio-4-(5H) 0x0-1-α D-xylofuranosyl pyrazolo (3, 4-d) pyrimidines of the formula (10)



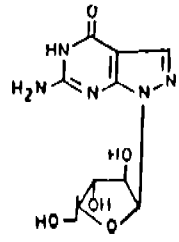
10

and 6-methylthio-1-β-D-xylofuranoside pyradoto (3, 4-d) pyrimidine of the formula (5)



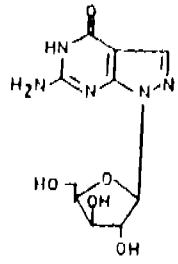
5

with base in solvent and (e) reacting the compounds of the formulae (10) and (5) with ethanolic ammonia at 160°C to give α isomer of 6-amino-4-(5H)-oxo-1-D-xylofuranosyl pyrazolo (3, 4-d) pyrimidine of the formula (9)



9

and β isomer of 6-amino-4-(5H)-oxo-1-oxo-1-D-xylofuranosyl pyrazolo (3, 4-d) of the formula (8)



8

respectively.

(complete Specification 10 pages & Drawings Sheets-1)

Ind. Cl. : 32 F 2B [1X(1)] 173564

Int. Cl.[4] : C07D 239/70.

A PROCESS FOR THE PREPARING PURINYL AND PYRIMIDINYL CYCLOBUTANES.

Applicant : E. R. SQUIBB & SONS, INC, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATE OF AMERICA, OF LAWRENCEVILLE-PRINCETON ROAD, PRINCETON, NEW JERSEY 048540, UNITED STATE OF AMERICA.

Inventors : ROBERT ZAHLER, GLENN ANTHONY JACOBS.

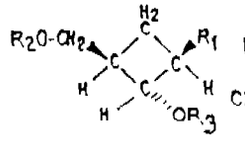
Application for patent No. 1149/Del/88 filed on 23 Dec. 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

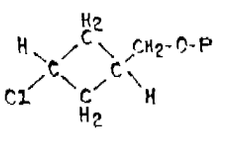
(Claims 2)

A process for preparing compounds of the formula 1 of the drawings and a pharmaceutically acceptable salt thereof, wherein R^1 is a radical selected from the formula 1 to XVIII of the drawings

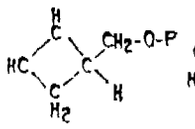
Formula 1



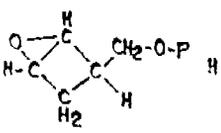
Formula 2



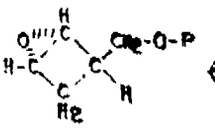
Formula 3



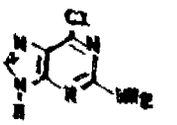
Formula 4



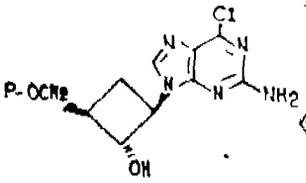
Formula 5



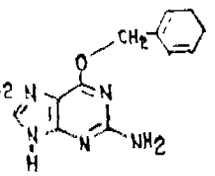
Formula 6



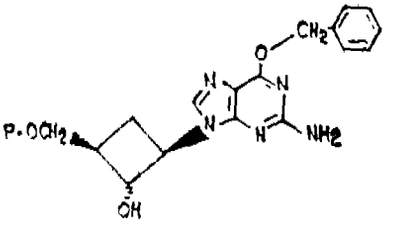
Formula 7



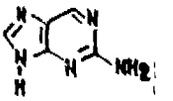
Formula 8



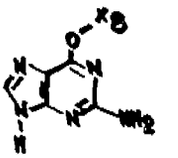
Formula 9



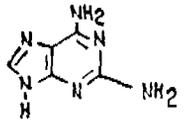
Formula 9A



Formula 9B



Formula 10



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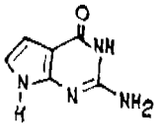

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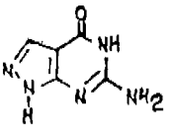
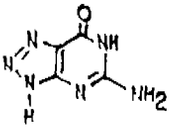
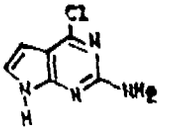


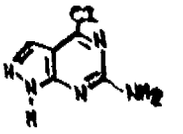
Formula 14



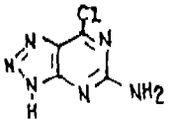
Formula 15



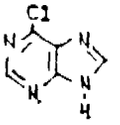
Formula 16



Formula 17



Formula 18



wherein X_1 is hydrogen, amino, $-NHC(=O)-X_7$, and $-N=CHN(X_8)_2$

X_2 is methyl, fluoro, chloro, bromo, iodo, hydroxy, or amino,

X_3 is hydrogen, chloro, or $O-X_8$,

X_4 is amino, $-NHC(=O)-X_7$ or $-N=CHN(X_8)_2$,

X_5 is hydrogen, methyl fluoro, chloro, bromo, iodo, hydroxy, or amino,

X_6 is fluoro, chloro, bromo, iodo, hydrogen, methyl, trifluoromethyl ethyl, 2-fluoroethyl, 2- chloroethyl, or $C=C(H)X_9$

X_7 is hydrogen, alkyl, substituted alkyl, or aryl,

X_8 is alkyl,

X_9 is chloro, bromo, iodo, hydrogen, or methyl,

and R_3 are independently hydrogen, $-PO_3H_2$, or $-C(=O)-X_7$,

said process comprises reacting a compound of the formulas 5 of the drawings wherein P is a protecting group such as herein described with a compound of the formula R_1H wherein R_1 has the meaning as defined above which is optionally protected in a manner known per se and removing the protecting groups in any conventional manner to yield a compound of formula 1 of the drawiegs and converting the thus obtained product into the pharmaceutically acceptable salt by any known manner.

(Complete Specification 53 pages & Drawings Sheets 13)

Ind Cl 32F$_{1}$ & 55E$_{2}$ |-E$_{1}$ 173565

Int Cl A61 K 31/47
C07D 215 00 & 215 12

A PROCESS FOR THE PREPARATION OF 7-(1-AZETIDINLY) 1, 4-DIHYDRO 4-OXO-3 QUINOLINECARBOXYLIC ACIDS DERIVATIVES

Applicant LABORATORIES DEL DR ESTEVE S A , A A SPANISH BODY CORPORATE, OF AV MARE DE DEU DE MONTSERRAT, 221, 08026 BARCELONA, SPAIN

Inventors JUAN PARES COROMINAS, JORDI FRIGOLA CONSTANSA AUGUSTO COLOMBO PINOL

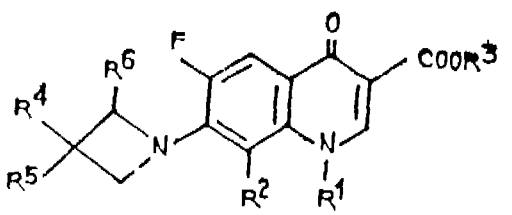
Application for patent No 1165/Del/88 filed on 28 Dec 1988

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-110005

4 Claims

A process for the preparation of 7-1 (azetidinyl)-1, 4 dihydro 4-oxo 3-quinolinecarboxylic acid derivatives represented by the general formula I

I



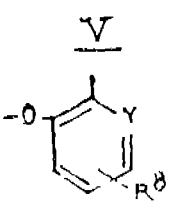
wherein R represents a lower alkenyl or alkyl radical, a haloalkyl radical, a cycloalkyl radical,

an aminoalkyl radical, aryl radical or a substituted aryl radical, particularly one having one or more fluorine atom substitutents R^{1} represents a hydrogen atom, a halogen atom, or R^{1} and R^{2} may together form an X group,

R^{3} represents a hydrogen atom or a lower alkyl radical, R^{4} and R^{5} and R^{6} independently represent a hydrogen atom, lower alkyl radical a hydroxyl radical, an amino radical, an aminoalkyl radical, an alkylamino radical, a dialkylamino radical, an alkylaminoalkyl radical an alkoxy radical, a mesyloxy radical a hydroxyalkyl radical, a cyano radical an acylaminoalkyl radical a carboxylic radical a carboxamido radical, a carboxyalkyl radical a halogen atom an alkycarboxy radical for example acetoxy, an acetamido radical or an acetamido alkyl radical in these last two radicals the terminal free alkyl group being optionally fluorinated and the nitrogen atoms in the acetamidoalkyl radical optionally carrying an alkyl substituent,

X represents $-CH_2-CH_2-CHR^7-$,
$-O-CH_2-CHR^7$ or a radical of formula

V



in which R^{7} represents a hydrogen atom or a lower alkyl radical,

R^{8} represents a hydrogen atom or a halogen atom, and Y represents CH or N,

with the exception however of compound of formula I in which R^{1} and R^{2} together form a link represented by the group $-O-CH_2-CH(CH_3)-$ and R^{3}, R^{4} and R^{6} represent a hydrogen atom, and R^{5} represents a hydroxyl radical (OH) or a hydroxymethyl radical (CH_2OH), and in which ;

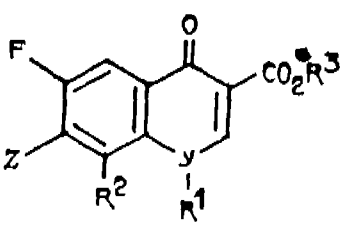
R^{1} represents an ethyl radical

R^{2} represents a fluorine atom

R^{3}, R^{4} and R^{6} represent hydrogen atoms, and

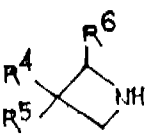
R^{5} represents an ethylaminomethyl radical ($CH_3CH_2NHCH_2$) which comprises reacting in the presence of a conventional solvent as herein defined and a conventional acid acceptor as herein defined, at a temperature of from 50°C to 250°C, for 2 to 24 hours, a compound of formula II

II



wherein R^{1}, R^{2} and R^{3} have the same meaning as hereinbefore defined and Z represents a halogen atom with a compound of formula III

III



where R^{4} and R^{5} and R^{6} have the same meaning as hereinbefore defined to produce said compound of formula I of the accompanying drawings.

(Complete Specification 52 pages and drawing 1 Sheet)

Ind Cl 55E$_{2}$ 173566

Int Cl : A61K 31/40 & 31/405

A PROCESS FOR PREPARING 3-ACYL-2-OXINDOLE-1-CARBOXAMIDES

Applicant : PFIZER INC A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA

Inventors THOMAS CHARLES CRAWFORD AND LAWRENCE ALAN REITER

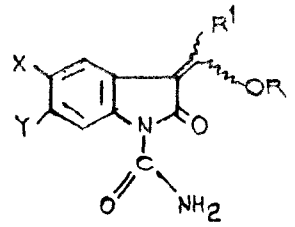
Application for Patent No 842/Del 89; filed on 19 Sep, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

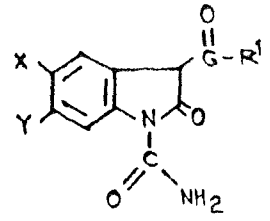
A process for preparing 3-acyl-2-oxindole-1-carboxamides of general formula I shown in the accompanying drawings,

I



wherein X and Y are ach selected from the group consisting of hydrogen, fluoro and chloro; R^1 is selected from the group consisting of 2-thienyl and benzyl; and R is selected from the group consisting of alkanoyl having two to ten carbon atoms, cycloalkyl-carbonyl having five to seven carbon atoms, phenyl alkanoyl having seven to ten carbon atoms, chloro-benzoyl, methoxybenzoyl, thenoyl, omega-alkoxycarbonyl alkanoyal said alkoxy having 1 to 3 carbon atoms and said alkanoyl having 3 to 5 carbon atoms, alkoxy-carbonyl having 2 to 10 carbon atoms, phenoxycarbonyl, 1-(acyloxy) alkyl said acyl having two to four carbon atoms and said alkyl having one to four carbon atoms, alkylsulfonyl having one to three carbon atoms, methylphenylsulfonyl and dialkylphosphonate said alkyl each having from one to three carbon atoms or 1-(alkoxycarbonyloxy) alkyl said alkoxy having two to five carbon atoms and said alkyl having one to four carbon atoms which comprises reacting a compound of the formula II of the accompanying drawings,

II



with an equimolar amount of a compound of the formula R-Cl in a reactioninert solvent containing an equimolar amount of a tertiary amine or about a five fold molar excess of sodium iodide and about a two fold molar excess of an alkali metal carbonate at 25°C to 75°C until the reaction is substantially complete.

(Comp. Specn. 33 pages; Drwgs. 2 sheet.)

Ind. Cl. : 55 F. 173567

Int. Cl.[4] : C 12 N, 1/38.

METHOD OF PRODUCING NITRILE HYDRATASE.

Applicant : HIDEAKI YAMADA, A JAPANESE CITIZEN, AND NITTO KAGAKU KOGYO KABUSHIKI KAISHHA, A JAPANESE CORPORATION, OF 19-1, MATSUGASAKI-KINOMOTO-CHO, SAKYO-KU KYOTO-SHI, KYOTO-FU, JAPAN AND 5-1, MARUNOCHI 1-CHOME, CHIYODA-KU, TOKYO-TO, JAPAN.

Inventor : TORU NAGASAWA.

Application for Patent No. 881/Del/89, filed on 4 Oct., 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(CLAIMS 3)

A method of producing nitrile hydratase employing bacteria of the species Rhodococcus rhodochrous said method comprising adding to a culture medium of the kind such as herein described urea or urea derivative selected from R_1 R_2 $NCONR_8$ R_4, R_5 R_6 $NCOOC_2H_5NH_2CSNH_2$ wherein R_1, R_2, R_3 and R_4 each are $-H_5$ $-CH_3$ or C_2H_5, all the substituents not being -H; R_5 and R_6 each are -H, $-CH_3$ or $-C_2H_5$; and cobalt ion in the presence of said Rhodococcus rhodochrous having nitrile hydrates activity having urea or its derivatives concentration of 1 to 30 g/l and cobalt ion of 5 to 15 mg/l as calculated in term of $CoCl_2$ to produce the required nitrile hydratase.

(Complete Specification 15 pages & Drawing Sheets-NIL)

Ind. Cl. : $32F_{9b}+55E_4$ 173568

Int. Cl. : A61K 31/16

A PROCESS FOR THE SYNTHESIS OF N-SUBSTITUTED AMIDES OF L-TYROSYL-D-ALANYL-GLYCYL-L-N-METHYLPHENYLALANYL-GLYCINE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIA RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

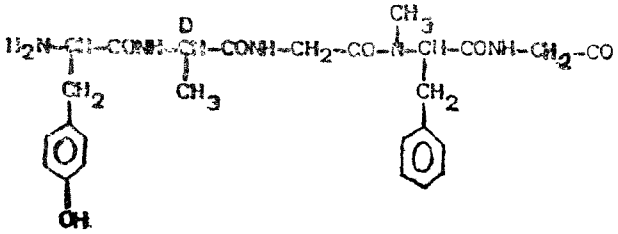
Inventors : KRISHNA BEHARI MATHUR, SHUBH DEV SHARMA, WAHAJUL HAQ, BIJOY KUNDU, RAM RAGHUBIR, GYANENDRA KUMAR PATNAIK AND BHOLA NATH DHAWAN.

Application for Patent No. 953/Del/89; filed on 19 Oct., 1989.

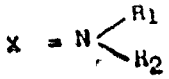
Appropriate office for Opposition Proceedings ((Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the synthesis of N-substituted amides of L-tyrosyl-D-alanyl-glycyl-L-N-methylphenylalanyl-glycine of general formula in Fig. 1A.

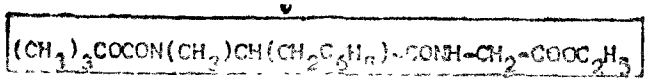


Where X represents a radical formula shown in Fig. 1B

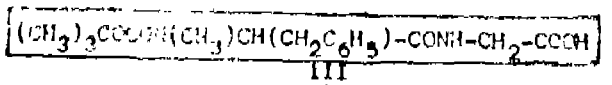


Where R_1 is hydrogen, R_2 is alkyl, aryl, or aralkyl radicals such as methyl, phenyl or benzyl radicals and R_1-N-R_2 constitutes a part of a cyclic amine such as piperidine or ethyleneimine which comprises :

(a) reacting t-butyloxycarbonyl-L-N-methylphenylalanine with isobutylchloroformate and glycine ethyl easter in the presence of N-methylmorpholine to obtain *t*-butyloxycarbonyl-L-N-methylphenylalanyl-glycine ethyl ester of the formula (II) shown in Fig. 2 (step 1).

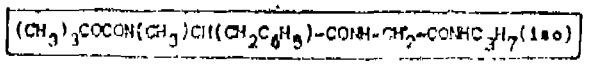


(b) hydrolysing the ester of the formula II by known methods to form the corresponding dipeptide acid of formula (III) shown in Fig. 2 (step 2);



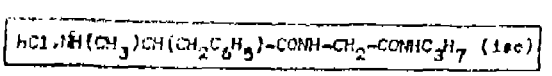
III

(c) reaching the acid of the formula III with isobutlychloroformate and isopropylamine in the presence of N-methylmorpholine to obtain t-butyloxycarbonyl-L-N-methylphenylalanyl-glycyl-isopropylamide of formula (IV) shown in the Fig. 2 (step 3);



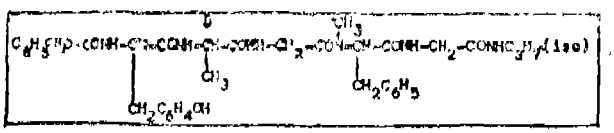
IV

(d) treating the t-butyloxycarbonyl-L-N-methylphenylalanyl-glycyl-isopropylamide of the formula IV shown in Fig. 2, thus obtained, with HCL/dioxane to obtain the hydrochloride of L-N-methylphenylalanyl-glycyl-isopropylamide of formula (V) shown in Fig. 2 (step 4);



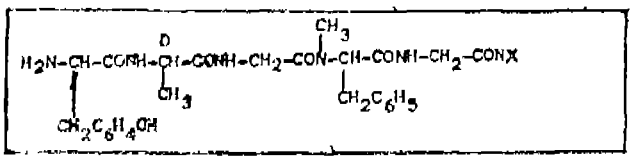
V

(e) reaching L-N-methylphenylalanyl-gylcyl-isopropylamide, obtained from the hydrochloride of formula V after neutralising with N-methyl morpholine with the mixed anhydride obtained from benzyloxycarbonyl-L-tyrosyl D-alanyl-glycine and isobutylchloroformate in the presence of N-methylmorpholine to obtain the protected pentapeptide of formula (VI) shown in Fig. 2 (step 5);



VI

(f) treating the protected pentapeptide of the formula (VI) shown in Fig. 2 with H2 over pd/C to get the desired pentapetide derivative of the formula I shown in Fig. 2



I

Compl. Specn. 10 pages Drg. 4 sheets

Ind. Cl. : 189 173569

Int. Cl. : A 61K 7/16

A PROCESS FOR PREPARING AN ORAL COMPOSITION SUCH AS MOUTH WASH AND TOOTH PASTE.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATES OF DELAWARE. UNITED STATE OF AMERICA, OF 300 PARK AVENUE. NEW YORK, NEW YORK 10022, UNITED STATE OF AMERICA.

Inventors : ABDUL GAFFAR, ELIZABETH COLLINS.

Application for patent No. 1054/Del/89 filed on 10 Nov 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the preparation of an oral composition such as mouthwashes, toothpastes, lozenges or chewing gums, which comprises mixing in any known manner, a known orally acceptable vehicle, from 0.01 to 15% by weight of the composition of at least one cationic or long chain tertiary amine anti-plaque agent of the kind such as herein described which tends to cause staining of dental surfaces ; and from 0.01% to 10% by weight of said composition of an additive which substantially prevents staining of dental surfaces, said additive being an amino guanidine free base of the kind such as herein described or water soluble salt thereof compatible with said antiplaque agent.

Compl. Specn. 28 pages Drg. 1 sheet

Ind. Cl. : 32 F2B 173570

Int .Cl. : A 61 K 31/435

A PROCESS FOR PREPARING A QUINUCLIDINE DERIVATIVE.

Applicant : PFIZER INC, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATE OF AMERICA.

Inventor : JOHN ADAMS LOWE.

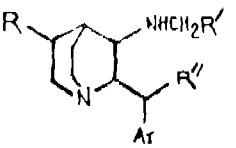
Application for Patent No. 1094/Del/89 filed on 23 Nov 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A process for preparing a quinuclidine derivative of the formula I of the drawings

I



wherein Ar is thienyl, phenyl, flourophenyl, chlorophenyl or bromophenyl;

R' is cycloalkyl having from five to seven carbon atoms, atoms;

R' is cycloalkyl having from five to seven carbon atoms norbornyl, pyrrolyl, 2, 3-dihydrobenzofuranyl, thienyl, alkoxythienyl having from one to three carbon atoms in the alkoxy moiety, pyridyl, hydroxypyridyl, quinolinyl, indolyl, naphthyl, alkoxynaphthyl having from one to three carbon atoms in the alkoxy moiety, biphenyl, 2, 3-methyl enedioxyphenyl or phenyl optionally substituted with up to two substituents selected from cyano, nitro, amino, N-monoalkylamino having from one to three carbon atoms in the alkyl moiety, flourine, clorine, bromine, trifluoromethyl, alkyl having from one to three carbon atoms, alkoxy having from one to three carbon atoms, allyloxy, hydroxy, carboxy, alkoxycarbonyl having from one to three carbon atoms in the alkoxy moiety, benzlyloxycarbonyl, carboxybenzyloxy, alkoxycarbonylbenzyloxy having from one to three carbon atoms in the alkoxy moiety, carboxamido and N, N-dialkylcarboxamido having from one to three carbon atoms in the alkyl moiety;

and R" is branched chain alkyl having from three to four carbon atoms, branched chain alkenyl having from five to six carbon atoms, cycloalkyl having from five to seven carbon atoms, furyl, thienyl, pyrlyl, indolyl, bipenyl or phenyl optionally substituted with up to two substituents selected from fluotine, chlorine, bromine, trifuromethyl, alkyl having from one to three carbon atoms, phenylalkyl having up to three

carbon atoms in the alkyl moiety, alkoxy having from one to three carbon atoms, allyloxy, hydroxy, carboxy alkoxycarbonyl having from one to three carbon atoms in the alkoxy moiety and benzyloxy-carbonyl, with the proviso that said R" is always other than unsubstituted phenyl, fluorophenyl, chlorophenyl, bromophenyl or alkylphenyl when said R' is unsubstituted phenyl, pyrrolyl or theienyl and Ar is other than theienyl, or is its pharmaceutically acceptable acid addition salts thereof, said process comprising

subjecting a quinuclidine derivative selected from compounds of general formulae II, III and IV of the accompanying drawings to selective reducing action of metallo reducing agen such as herein described to form said 3-aminoquinoclidine final product of the general formula I.

Compl. Specn. 68 pages Drg. 1 sheet

Ind. Cl : 171 [GROUP-XXXVIII(4)] 173571

Int. Cl.[4] : G 02 B 3/10

A DIFFRACTIVE MULTIFOCAL OPTICAL ELEMENT

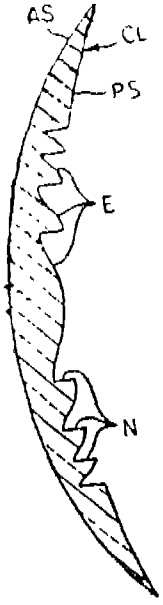
Applicant & Inventor : ALLEN L. COHEN, A CITIZEN OF THE UNITED STATES OF AMERICA 10010 WALSHAM COURT, RICHMOND, VIRGINIA 23233, U.S.A.

Application No. 788/Mas/88 filed on November 10, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A diffractive multifocal optical element comprising at least one phase zone plate containing rotationally symmetrical repetitive patterns designed to operate at a specific wavelength, the said repetitive patterns being periodic in accordance with $\sqrt{\ }$ spacing having non-linear, non-parabolic curved profiles containing modulations within the pattern sufficient to introduce a phase shift of greater than or equal to $\lambda/8$ in the optical path, wherein λ is the designed wavelength, and the said repetitive patterns are correlated for the light intensity at two focal points to be at least 20 percent of the incoming light at λ for each focal point, and the ratio of the intensities at the two focal points being in the range of 0.5 and 2.00.



Comp. 30 pages Drgs. 6 sheets

Ind. Cl. : 56-B [GROUP-V] 173572

Int. Cl.[4] : C 10 G 47/02

PROCESS FOR CRACKING OF A HEAVY OIL FRACTION INTO LIGHTER FRACTION.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B V, OF CAREL VAN BYLANDTLAAN 30, 2596 HR, THE HAGUE, THE NETHERLANS, A NETHERLANDS COMPANY.

Inventors : (1) SWAN TIONG SIE (2) KRIJN PIETER DE JONG (3) JACQUES JULIEN JEAN DUFOUR.

Application No. 829/Mas/88 filed on November 24, 1988.

Convention date : November 27, 1987; (No. 872777; United Kingdom)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims (No drawing)

Process for cracking of a heavy oil fraction into lighter fractions, comprising passing a heavy oil fraction having a low content of asphaltenic constituents together with a hydrogen containing gas stream through a reaction zone containing a non-acidic, hydrogen activiating catalyst at a temperature of 400-550°C, preferably 410-530°C, more preferably 440-510°C and a hydrogen partial pressure of 10-60 bar, preferably 20-40 bar.

Comp. 37 pages

Ind. Cl. : 189 [GROUP-LXVI(9)] 173573

Int. Cl.[4] : A 61 K 7/16

A TOOTHPASTE COMPOSITION.

Applicant : ALCAN INTERNATIONAL LIMITED, OF 1188, SHERBROOKE STREET WEST, MONTREAL, QUEBEC, CANADA H3 ∧ 3G? A CANADIAN COMPANY.

Inventors : (1) KENNETH ARTHUR EVANS (2) KEVIN JOHN WILLS (3) ANTHONY ROLAND EMERY.

Application No. 112/Mas/89 filed on February 13, 1989.

Convention date : February 12, 1988; (No. 8803329; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims (No drawing)

A toothpaste composition comprising flavouring agents and 20 to 60% by weight of an abrasive consisting of unmilled precipitated alumina trihydrate in the form of particles with a median size of at least 3 micrometres optionally with an abrasive such as calcium carbonate or miled alumina trihydrate.

Comp. Specn 14 pages.

Ind. Cl. : 108-C_3 & $_5$ [GROUP-XXXIII(5)] 173574

Int. Cl.[4] : G 01 B 7/26

AN IMPROVED METHOD OF MANUFACTURING MOLTEN STEEL IN A METALLURGICAL VESSEL.

Applicant : HOOGOVENS GROEP BV., P.O. BOX 10.000, 1970 CA IJMUIDEN, THE NETHERLANDS, A DUTCH COMPANY.

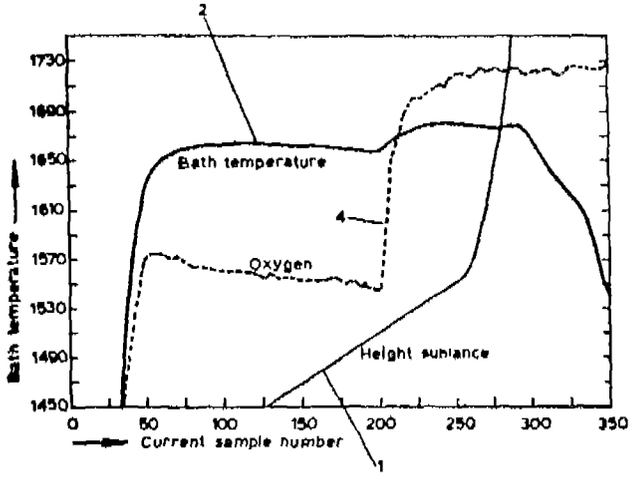
Inventor : WILHELMUS ENGELBERTUS HEIJNE.

Application No. 146/Mas/89 filed February 22, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

In a method of manufacturing molten steel in a metallurgical vessel, feeding molten iron into the vessel and subsequently refining said iron to steel by blowing oxygen onto the surface of the molten iron bath, the improvement comprising interrupting said blowing of oxygen and monitoring the level of th surface of the bath of steel in the metallurgical vessel beneath a fluid layer of slag with a detector having an oxygen concentration sensor which emits signals indicating the boundary between the steel and the slag, said detector being movable through the slag layer into the metal bath and withdrawing said detector, whereupon the refining of subsequent charges of metal is resumed whereby the lance for blowing of oxygen onto the bath metal surface is moved in proximity of said bath metal surface in dependence of the said boundary between the steel and the slag, prior to the blowing of oxygen onto the metal bath continues.



Comp. 13 pages; Digs. 2 sheets

Ind. Class—36-A$_1$ [GROUP—XLIV(1)] 173575

Int. Cl.^{5} : F 04 B 1/00

A SELF PRIMING PUMP

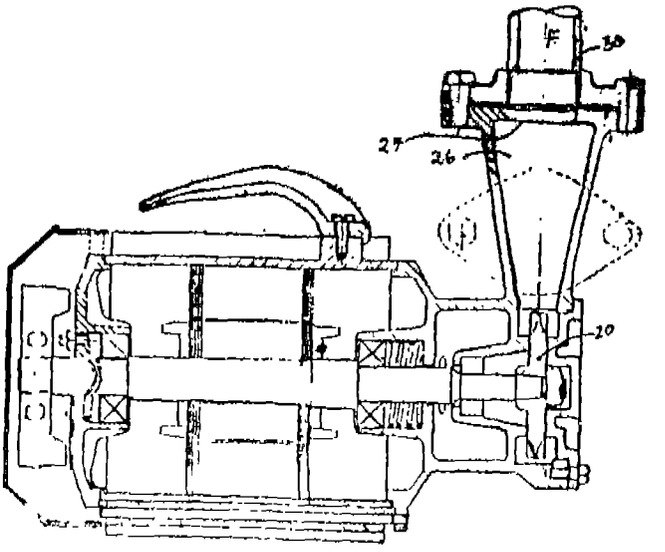
Applicant & Inventor : KALAPPATTI KARUPPANNAN RAMASWAMY, BE FIE DSS, OF SHARP INDUSTRIES, KALAPPATTI, COIMBATORE—641 035, TAMIL NADU, INDIA, INDIAN NATIONAL.

Application No. 173/MAS/89 filed March 2, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

A self-priming pump comprising an impellet housed in a casing provided with a suction-inlet and a delivery outlet connected respectively to suction and delivery pipes, the suction inlet incorporating a one-way inlet valve; an air separation chamber surmounting the casing and communicating with the delivery outlet, said air separation chamber having a delivery port at its top and being partially partitioned by a dividing member extending from wall to wall of the said air separation chamber.



(Com. 12 pages; Drwgs.—4 sheet)

Ind. Class—28-E & 85-K 173576

[GROUPS—XXX(1) & XXXI]

Int. Cl.^{5} —F 23 D 1 00 14 62

IMPROVEMENTS IN BURNERS

Applicant : NORTHERN ENGINEERING INDUSTRIES PLC, OF NEI HOUSE, REGENT CENTRE, NEWCASTLE UPON TYNE, NE3 3SB, ENGLAND, A BRITISH COMPANY.

Inventors : (1) JEFFREY WILLIAM ALLEN (2) PETER RICHARDSON BEAL (3) DENNIS ROYWHINFREY.

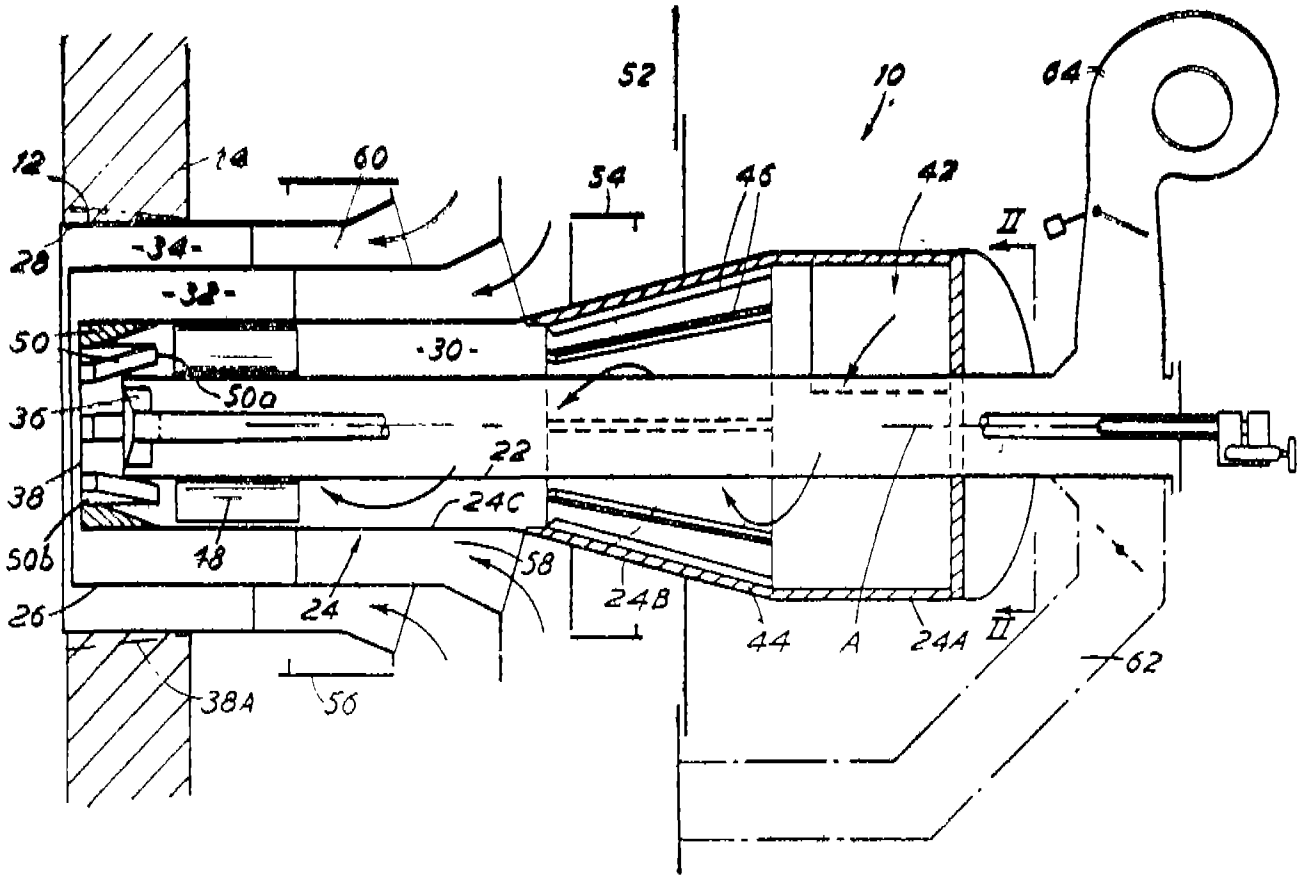
Application No. 180/MAS/89 filed March 3, 1989.

Convention date : March 4, 1988; (No. 88.05208; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

14 Claims

A burner for the combustion of pulverised fuel in an air stream, comprising means to generate a flow of the air-fuel mixture along a passage for primary combustion at an outlet from said passage and means for supplying supplementary air for combustion with the products of said primary combustion, a plurality of guide elements being located in the passage in positions angularly spaced about a central axis of the passage, said elements extending along the passage at an oblique angle to the flow incident upon them to create fuel-rich regions in the flow and, spaced down-stream from said elements, at or adjacent the outlet end of the passage, a plurality of flow-disturbing members being located in the passage in positions angularly spaced about said central axis, said members being placed in a known manner to modify the flow pattern of the air-fuel mixture at the passage outlet to promote a spectrum of fuel-air mixture strengths downstream of the members.



(Com.—16 pages; Drwgs.—2 sheets)

Ind. Class—55-E, [GROUP-XIX(1)] 173577

Int. Cl. :—A 61 K 9/00

A METHOD OF PREPARING A MICROENCAPSULATED PRODUCT.

Applicant : SOUTHERN RESEARCH INSTITUTE, OF 2000 NINTH AVENUE, SOUTH BIRMINGHAM, ALABAMA 35205, U.S.A., AN AMERICAN COMPANY.

Inventors : (1) THOMAS R. TICE (2) RICHARD M. GILLEY.

Application No. 341/MAS/90 filed May 4, 1990

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

53 Claims (No drawing)

A method of preparing a microencapsulated product, comprising the steps of : dispersing an effective amount of said agent in a solvent containing a dissolved wall forming material to form a dispersion; combining said dispersion, with an effective amount of a continuous process medium to form an emulsion that contains said process medium and microdroplets comprising said agent, said solvent and said wall forming material; and adding rapidly said emulsion to an effective amount of an extraction medium to extract said solvent from said microdroplets to form said microencapsulated product.

(Com.—31 pages)

Ind. Class—116-G—(GROUP-XLIX) 173578

Int. Cl. :—B 60 P 1/00

CARRIAGE FOR THE TRANSPORTATION OF A CYLINDRICAL OBJECT.

Applicant : NOKIA-MALLEFER HOLDING S.A., A SWISS COMPANY, OF ROUTE Du BOIS, CH 1024 ECUBLENS, SWITZERLAND.

Inventors : (1) VESA JAASKGLAINEN (2) GUSTAF LINDEROTH.

Application No. 463/MAS/90, filed June 13, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

A carriage for the transportation of a cylindrical object, particularly a cable reel, along an underlying surface, comprising

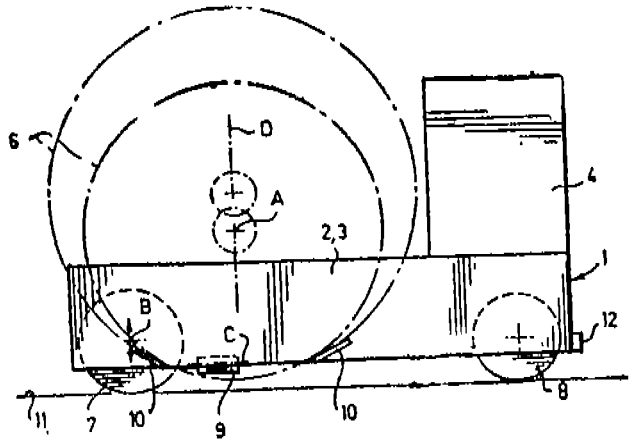
two parallel support elements (2,3) positioned at a distance from each other, said support elements forming a space (5) between them for receiving the object (6) and being displaceable towards and away from each other in the transverse direction of said support elements.

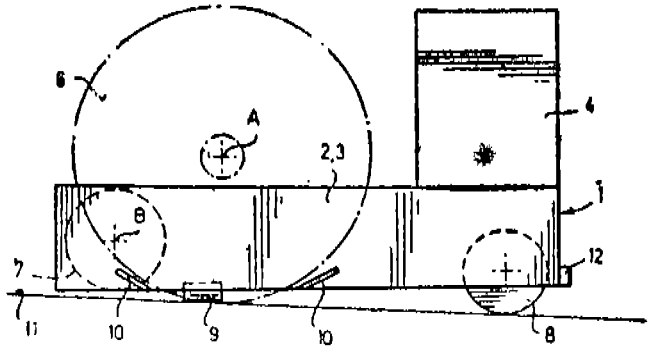
— supporting means (10) mounted in the support elements for supporting the object to be transported, and

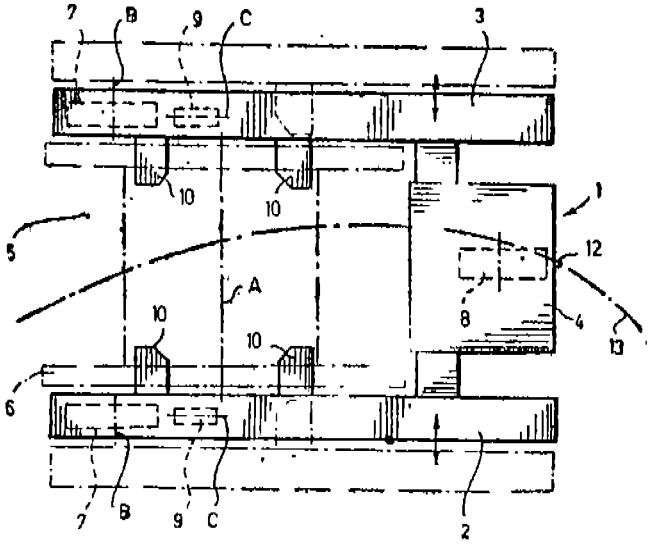
— vertically displaceable carrier wheels (7) mounted on the support elements, the axes (B) of said wheels extending in the transverse direction of the support elements parallel to a central axis (A) of the object (6) supported by the supporting means (10), for raising and lowering the support elements, characterized in that

— the support elements (2,3) are provided with displacing wheels (99), the axes of which are perpendicular to said axes (B) of the carrier wheels, said displacing wheels supporting the support elements in a raised position of said carrier wheels for displacing the support elements in the axial direction (B) of said carrier wheels

— whereby the supporting means (10) are mounted with respect to the displacing wheels (9) in such a manner that the object carried by the supporting means contacts the underlying surface (11) before the displacing wheels make contact with said surface when the carrier wheels are lifted from contact with said surface.







(Com.—16 pages Drwgs.—4 sheets)

Ind. Class—32-F$_2$(6) [GROUP—IX(1)] 173579

Int. Cl.^{5} : C07D 501/00 501/04

A 61 K, 31/545

A PROCESS FOR THE PREPRATION OF A CRYSTALLINE ACID ADDITION SALT OF A DIASTEREOMER OF THE 1-(2, 2-DIMETHYLPRO 3-CEPHEN-4-CARBOXYLATE PIONYLOXY)-ETHYL.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-0230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

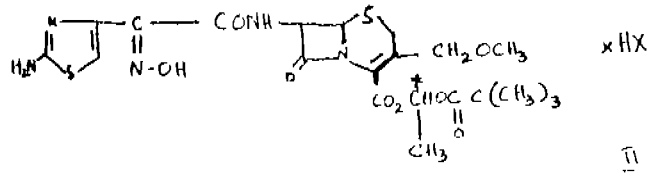
Inventors : (1) ELISABETH BEFOBA (2) GERD FISCHER (3) JOACHIM-HEINER JENDRALLA (4) RUDOLF LATTREIL (5) THEODOR WOLLMAN (6) DIETER ISERT.

Application No. 232/MAS/92 filed on 20-4-92.

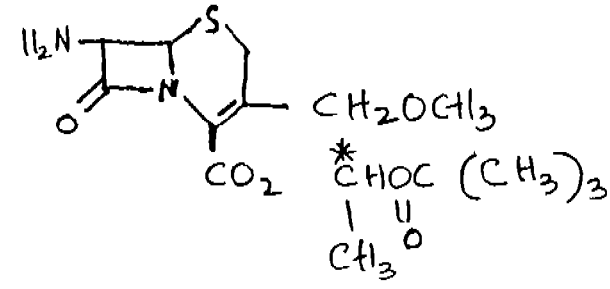
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

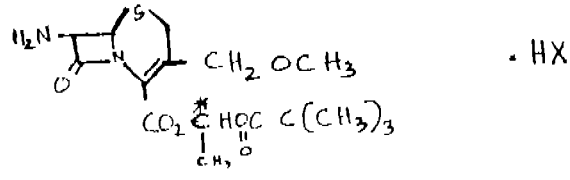
A process for the preparation of a crystalline acid addition salt of a diasterecomer of the 1(2-2-dimenthylpropionioxy) etnyi 3-cephem-4-carboxyilate of formula II.



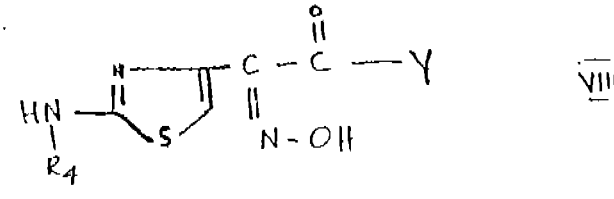
in which X is an anion of a physibroglcalry acceptable monoor polybaise, inorganic or organic acid and the group-N-OH is in the syn position compiising the steps of Dringing together a solution of diastercomer in mixture of formula IV



with a solution of an acid compound HX, in which X is as defined above, in an organic solvent, at room temperature, in a ratio of the base of the formula IV and the acid of 0.2 to 2.0 to precipitate the diastereomer, filtering and when precipitating the more readly soluble diasterecomer from the filtered solution to obtain a salt of formula V.



in which X is as defined above, and reacting the diastereomer of compound V with a compound of formula VIII.



which R_4 is an amino protective group and Y is halogen and finally splitting off the amino protective group from the compound thus obtained to produce a crystalline acid addition salt of diastereomer of 1-(2-2 dimethyl propionyl-oxy) ethyl-3-dephem-carboxylate of formula II.

(Com.—29 pages)

Int. Class—205-B-(GROUP-LVI) 73580

Int. Cl. 4-B 60 C 9/00

A REINFORCING PLY AND A PNEUMATIC TYRE INCORPORATING THE SAME.

Applicant : COMPAGNIE GENERALE DE ETABLISSEMENTS MICHELIN-MICHELIN & CIE, A FRENCH COMPANY, OF 4 RUE DU TERRAIL, 63000 CLERMONT-FERRAND, FRANCE.

Inventor : GILLES CARRIER

Application No. 394/MAS/92 filed June 26, 1992

Divisional to Patent Application No. 821/MAS/88 filed November 22, 1988.

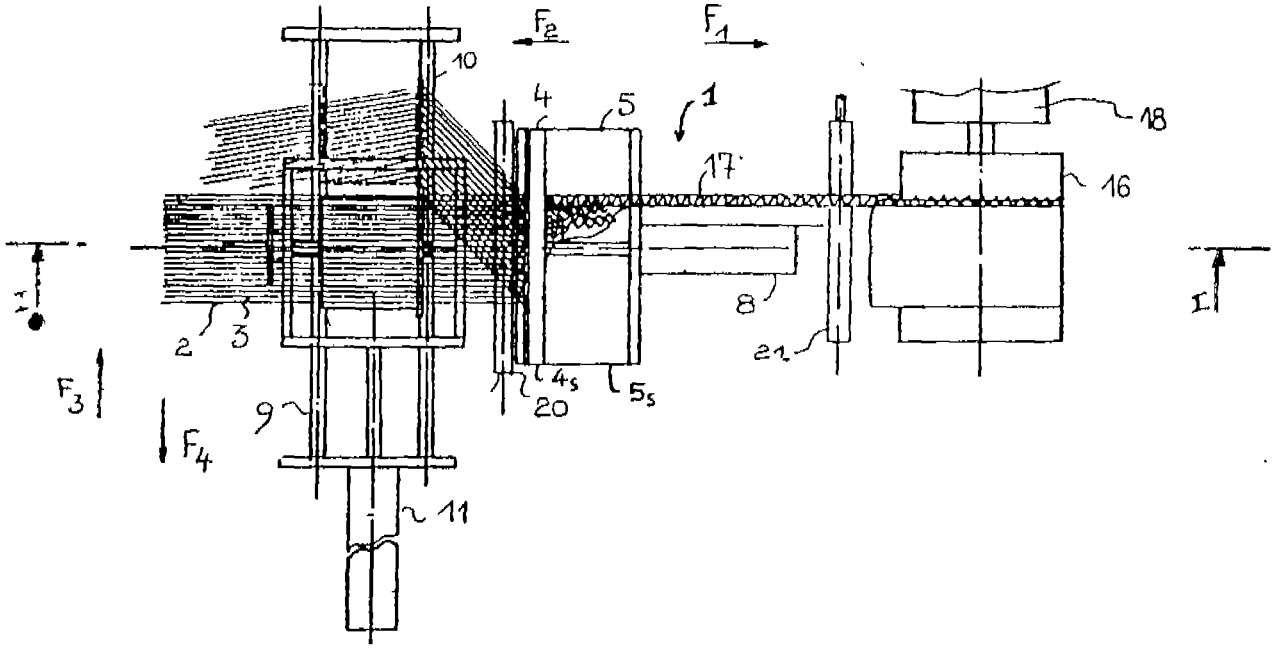
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A reinforcing ply comprising reinforcement threads applied to a support having a plurality of threads over the width of the said ply, said threads having a sinuous shape with vertices; the amplitude of the undulation of each said thread being less than the width of the said ply; for each thread the variation in the displacement into T being within ±5% with respect to a nominal value Tn, the displacement ratio T being defined by the relationship.

$T = L/D$

in which L is the rectilinear distance between two vertices connected by the thread via another vertex.



(Com.—25 pages; Drwgs.-7 sheets)

PATENT SEALED ON 6TH MAY, 1994

171940 171974 172016 172036"D 172037 172038 172039" 172055" 172058"F 172059"D 172060"D 172143" 172160"D 172206" 172214 172215 172219 172220 172229 172232 172233 172235" 172236 172239" 172241 172251 172254

Cal—6, Mas—11, Bom—5 & Del—5.

Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug patent, F—Food patent.

AMENDMENT PROCEEDING UNDER SECTION-57

Amendment sought under section 57 of the Patents Act, 1970 for amendment of address for service in respect of application No. 324/BOM/1989 172452 and as published in the Gazette of India, Part III, Section 2 dated 23-10-1993 is hereby allowed.

Notice is hereby given that M/s WOCKHARDT LIMITED, of Poonam Chambers, Shivsagar Estate, Dr. Abhic Besant Road, Worli, Bombay-400098, Maharashtra, India have made an application under Section 57 of the Patents Act, 1970 for amendment for address for service for Patent No. 172680 (369/BOM/1992) for "PROCESS FOR THE PREPARATION OF COMPOSITE PHARMACEUTICAL PREPARATION CONTAINING PEFLOXACIN". The amendment are by way of amendments of address for service in India, the application for amendment and proposed amendment can be inspected free of charge at the patent Office Branch Todi Estate, 3rd Floor, Sun Mill Compound, Lower Parel (West), Bombay-400013, on any working day during the usual official hours or copies of the same can be had on payment of usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition within three months from the date of this notification to the Patent Office Branch, Bombay.

If full written statement of oppsition is not filed with the notice of opposition it should be left within one month from the date of filing the said Notice of Opposition.

RENEWAL FEES PAID

150049	152315	153349	154363	155267	155282	155486
155799	156009	156199	156383	156484	156969	157021
157451	157594	157718	157924	158239	158303	158455
158662	158790	159038	159172	159239	159249	159520
159538	159640	159706	159791	159804	160993	161003
161113	161255	161331	161390	161399	161578	161626
161865	161868	162004	162705	162776	163205	163539
163571	163856	163951	164023	164124	164143	164152
164153	164245	164248	164622	164640	164991	165241
165611	165656	165711	165735	165747	165927	165929
166030	166327	166573	166591	166628	166693	166863
166937	166944	166955	167045	167048	167055	167141
167188	167229	167460	167948	168141	168664	168749
168918	169034	169097	169167	169202	169205	169215
169500	169512	169514	169516	169573	169577	169579
169597	169751	169869	169870	169983	170089	170188
170236	170292	170299	170373	170663	170671	170849
170850	170853	170983	170990	171030	171049	171145
771180	171204	171278	171331	171334	171389	171462
171463	171464	171467	171468	171498	171517	171586
171616	171620	171654	171660	171692	171700	171706
171708	171709	171741	171745	171746	171801	171808
171829	171867	171868	171870	171918	171919	171942
171943	171946	172001	172002	172010	172051	172052

CESSATION OF PATENTS

166883	166895	166900	166904	166909	166919	166930
166931	166936	166940	166943	166957	166962	166964
166981	166983	166995	166999	167022	167026	167044
167053	167068	167077	167078	167086	167103	167109
167110	167127					

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the patents Act, 1970 for the restoration of Patent No. 169365 granted to Kone Elevator GmbH for an invention relating to "catch device" for a lift cage or counterweight.

The Patent ceased on the 2nd November, 93 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated, the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 4th August, 94 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice in hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 169405 granted to Ammonia casale S.A. and Umberto Zardi for an invention relating to "a catalytic bed reactor for heterogeneous reactor of synthesis gases."

The Patent ceased on the 12th March, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 21st May, 1994

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 4th August, 94 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for Restoration of Patent No. 170133 dated 9th February, 1989 made by GARWARE-WALL ROPES LTD, on the 4th October, 1989, 1993 and notified in the Gazette of India, Part III, Section 2, dated the 25th December, 1993 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170411 granted to Motorola, Inc. for an invention relating to "an improved radio receiver."

The Patent ceased on the 28th Dec., 1993 duo to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Sector 2 dated the 21st May, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 4th August, 94 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170490 granted to K.K.R. Trivadi for an invention relating to "an improved clutch actuating device for manually clutch operated two wheeler motor vehicle and the two wheeler comprising the same"

The Patent ceased on the 30th July, 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated, the 21st May, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 4th August, 94 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Sec. 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries :

Class 3. No. 165571. Fujee Umbrella Pvt. Ltd. of 94/96, Princess Street, Bombay-400002, Maharashtra. India. "Umbrella Handle". April 21, 1993.

Class 3. No. 165906. Khaitan (India) Ltd., Indian Co., of 46C, J. L. Nehru Road, Calcutta-700071, W.B., India. "Air Cooler". July 21, 1993.

Class 3. No. 166505 Sigma Merchanting Pvt. Ltd. of No. 23, Armenian Street, Madras-600001, T. N., India. "Preforms". November 18, 1993.

Class 3. No. 166506. Sigma Merchanting Pvt. Ltd. of No. 23, Armenian Street, Madras-600001, T. N., India. "Bottle". November 18, '93.

Class 3. No. 166560. Vidyut Mettalics Ltd. of P. O. Wagle Industrial Estate. Thane-400604, Maharashtra, India, "Razor". December 6, 1993.

Class 5. No. 165656. Super Parts Ltd., 39, Community Centre, Kailash Colony, Zamrudpur, New Delhi-110048, Indian Company "Cartons". May 25, 1993.

Class 6. No. 166441. Cambuci, S. A. Avenida Nacoes Unidas, 13797—Bloco 2—9 and S. Paulo, Brazil. "Sporting Balls". October 28, 1993.

R. A. ACHARYA,
Controller General of
Patents Designs and Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1994
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